

## Uponor PP-RCT hot potable pipes, SDR 9 with fiber

Project information	
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material PP-RCT Temp/pressure ratings 73 °F (23

73 °F (23 °C) at 270 psi (18.6 bar) 120 °F (49 °C) at 176 psi (12.1 bar)

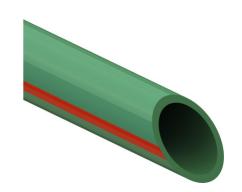
180 °F (82 °C) at 100 psi (6.9 bar)

Prop 65 label required? No

## Product information and application use

Use Uponor PP-RCT hot potable pipe to convey water for hot potable plumbing applications. The fiber layer coextruded into the mid-wall of the pipe to reduce expansion/contraction with temperature changes also makes the pipe acceptable for use in hydronic heating and cooling applications.

**Note:** Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.



Part name	Part no.	Inner diameter pipe [inch]	Outer diameter pipe [inch]	R value	Weight per UOM [lbs/UOM]
1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221310	0.976	1.26	0.1	2.86
1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221313	1.22	1.575	0.12	4.42
1 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221315	1.528	1.969	0.15	6.89
2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13- ft. straight length	PR9221320	1.921	2.48	0.19	11.05
2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221925	2.291	2.953	0.23	22.61
3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221930	2.748	3.543	0.27	32.68
4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221940	3.819	4.921	0.38	62.32
6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221960	4.89	6.299	0.48	102.03
8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221980	6.11	7.874	0.6	159.41

Part name	Part no.	Codes	Standards	Listings		
Uponor PP-RCT hot potable pipes, SDR 9 with fiber	All	UPC IRC IPC NPC of Canada UMC CMC CPC IMC	NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11	ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775		
In addition, the following parts have additional codes, standards, or listings:						
1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221310		NSF/ANSI 51			
1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221313		NSF/ANSI 51			
2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221320		NSF/ANSI 51			
2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221925		NSF/ANSI 51			
3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221930		NSF/ANSI 51			
4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221940		NSF/ANSI 51			
6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221960		NSF/ANSI 51			
8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221980		NSF/ANSI 51			

Installation Related applications

Use approved butt-fusion or socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

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Domestic water systems

Hydronic heating and cooling systems

Footnotes	Contact information		
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